openreach

SIN 370 Part A

Issue 1.3

August 2025

Suppliers' Information Note

For The Openreach Network

Protocol Implementation Conformance Statements (PICS) for ISDN 2e and ISDN 30e: Digital Select Services TECHNICAL INFORMATION FOR SUPPLIERS & WITHDRAWAL NOTIFICATION

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Introduction

This document is the first part of a multipart document defining using the internationally standardised Protocol Implementation Conformance Statements (PICS) the capabilities and options of the DSS1 protocol for Digital Select Services on the basic and primary rate access interface which has been implemented in the ISDN 2e and ISDN 30e network respectively.

Note: These PICS should be read in conjunction with SIN261 which provides a detailed technical description of the Openreach ISDN 2e and ISDN 30e services.

This part of this SIN provides guidance on the meaning of the PICS tables given in the other parts of this SIN.

Openreach will withdraw BT ISDN 2e and ISDN 30e Digital Select Services by end of January 2027 in line with the closure of the BT UK PSTN.

References

1	ISO/IEC 9646-7	Information technology - Open Systems Interconnection - Conformance testing methology and framework - Part 7: Implementation Conformance Statements.

For further information or copies of referenced sources, please see document sources at https://www.openreach.co.uk/orpg/home/helpandsupport/sins/sins.do

Guidance on Protocol Implementation Conformance Statement (PICS)

The ETSI standards that specify the PICS proforma provide the following guidance on completing the PICS proforma. This guidance has been followed in producing the other parts of this SIN.

Guidance for completing the PICS proforma

The purpose of a PICS proforma is to provide a mechanism whereby information about an implementation of the requirements defined in an ETSI standard may be provided in a standardized manner. In the subsequent parts of this SIN, only the PICS for the network role are provided. The section and table numbering as in the ETSI standard defining the PICS has been retained for ease of cross-reference back of the relevant ETSI standard.

Symbols, abbreviations and conventions

The PICS proforma contained in the other parts of this SIN is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [1].

Item column:

The item column contains a unique reference (a mnemonic plus a number) for each item within the PICS proforma.

Item description column:

The item description contains a brief summary of the static requirement for which a support answer is required.

Conditions for status column:

The conditions for status column contains a specification, if appropriate, of the predicate upon which a conditional status is based.

Status column:

The following notations, defined in ISO/IEC 9646-7 [1], are used for the status column:

M	Mandatory - the capability is required to be supported.
O	Optional - the capability may be supported or not.
N/A	Not Applicable - in the given context, it is impossible to use the capability.
O.i	qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer that identifies an unique group of related optional items and the logic of their selection, defined below the table.

NOTE: To support a capability means that the capability is implemented in conformance to the relevant reference ETSI standard.

Reference column:

Except where explicitly stated, the reference column refers to the appropriate parts of referenced ETSI standard for that Digital Select Service quoted in that part of the SIN.

NOTE: A reference indicates only the location of the most essential information about an item. All additional requirements contained in the referenced ETSI standard have also to be taken into account when making a statement about the conformance of that particular item.

Support column:

The following notation, defined in ISO/IEC 9646-7 [1], is used for the support column:

[ ] Yes	Tick "Yes" if item is supported.
[ ] No	tick "No" if item is not supported.
[ ] N/A	Tick "N/A" if the item is "not applicable.

It is also possible to provide a comment to an answer in the space provided at the bottom of the table.

1. Glossary

AND	Boolean "and"
C	Conditional requirement (to be observed if the relevant conditions apply)
ETSI	European Telecommunications Standards Institute

DSS1	Digital Subscriber Signalling System No. one
IET	Information Elements Transmitted
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
M	Mandatory requirement (to be observed in all cases)
MC	Major Capabilities
N/A	Not applicable, not supported or the conditions for status are not met
No	not supported
NOT	Boolean "not"
NPI	Numbering Plan Identification
O	Option (may be selected to suit the implementation, provided that any requirements applicable to the option are observed)
O.n	Options, but support required for either at least one or only one of the options in the group labelled with the same numeral "n"
OR	Boolean "or"
OSI	Open Systems Interconnection
P	Parameters
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
R	Roles
RL	Requirements List
SC	Subsidiary Capabilities
TON	Type Of Number
Yes	supported

2. History

Issue 1	**Error! Reference s ource not found.**	First Issue
Issue 1.1	June 2014	Change SINet site references from http://www.sinet.bt.com to http://www.btplc.com/sinet/
Issue 1.2	August 2020	Changes to branding, from BT to Openreach including changes to reflect new Openreach SIN site and Openreach SIN email address.
Issue 1.2	September 2021	Annual Review – no changes required – issue remains unchanged.

Issue 1.2	August 2022	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.2	August 2023	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.3	August 2025	Withdrawal notification adds to the introduction section.